

**Amendments to the Specification:**

Please replace the paragraph previously added after page 6, prior to line 28, beginning with “Figures 4A-4E...,” with the following amended paragraph:

Figures 4A-4E are graphical representations showing that the mutations of T504A, L507Y and E511K on GluR3<sub>flip</sub> differentially control desensitization and agonist binding. Figure 4A shows residues 501-515 of SEQ ID NO: 3 with the mutations shown below the corresponding amino acid residues.